

# इंटरनेट

# मानक

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Mazdoor Kisan Shakti Sangathan

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“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 12268-5 (1987): Automatic Steam Traps for Marine Use,  
Part 5: Marking [TED 19: Marine Engineering and Safety  
Aids]



“ज्ञान से एक नये भारत का निर्माण”

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“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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*Indian Standard*

## SPECIFICATION FOR AUTOMATIC STEAM TRAPS FOR MARINE USE

## PART 5 MARKING

1. **Scope** — Specifies mandatory and optional markings for automatic steam traps.
2. **Terminology** — For the purpose of this standard, definitions given in IS : 12268 ( Part 1 )-1987 'Automatic steam traps for marine use; Part 1 Glossary of terms', shall apply.
3. **Marking**
  - 3.1 **General** — The specified markings shall be applied:
    - a) either on the body, or
    - b) on plates integral with the body or securely fixed on the body.
  - 3.1.1 In no case shall the markings be hidden by the fixing elements of the steam trap.
  - 3.2 **Mandatory Marking** — The following items shall be mandatorily marked on the automatic steam traps:
    - a) Manufacturer's name and/or trade-mark,
    - b) Maximum allowable pressure ( MPa\* ),
    - c) Maximum allowable temperature ( °C ), and
    - d) Indication of the flow direction ( arrow ).
  - 3.3 **Optional Markings** — If desired by the purchaser, the following items may be marked on the automatic steam traps:
    - a) Nominal pressure ( PN ),
    - b) Maximum operating pressure or maximum differential pressure according to relative significance of each one;
    - c) Shell material designation,
    - d) Nominal size ( DN ), and
    - e) Maximum test pressure ( MPa\* ).
  - 3.4 **Additional Markings** — A manufacturer having complied with the above requirements may:
    - a) mark any of the above mentioned items in more than one place, for example, if an item is marked on the body, it may also be repeated on the identification plate; and
    - b) add any other markings, for example, catalogue item numbers, providing that there is no risk of confusion between these markings and those mentioned above.

## EXPLANATORY NOTE

The purpose of this standard is to establish certain basic requirements for the marking of steam traps and to give recommendations for additional information markings.

This standard has to be considered in conjunction with the specific requirements which may be agreed between the manufacturer and the purchaser.

This standard is being published in following 5 parts:

- Part 1 Glossary of terms
- Part 2 Classification
- Part 3 Face-to-face dimensions
- Part 4 Performance tests
- Part 5 Marking

This part is based on ISO : 6553-1980 'Automatic steam traps — Marking', issued by the International Organization for Standardization ( ISO ).

\*0.1 MPa = 1bar ≈ 1 kgf/cm<sup>2</sup>.

Adopted 30 December 1987

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Gr 1